

Substitute for form 1449/PTO (Revised 07/2005) INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/562,323
		Filing Date	
		First Named Inventor	Vita et al.
		Group Art Unit	
Examiner Name			
Sheet	1	of	2
		Attorney Docket Number	033339/305722

OTHER DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.	English Language Translation Attached
	1	LE CLAINCHE et al., "Engineering new metal specificity in EF-hand peptides." JBIC JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY, Vol. 8, no. 3, 11/20/2002, pp. 334-340.	
	2	FISCHER et al., "Multiple Divergent MRNAs Code for a Single Human Calmodulin", JOURNAL OF BIOLOGICAL CHEMISTRY, AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS, Vol. 263, no. 32, 11/15/1988, pp. 17055-17062	
	3	PROCYSHYN et al., "A structure/activity study of calcium affinity and selectivity using a synthetic peptide model of the helix-loop calcium-binding motif", JOURNAL OF BIOLOGICAL CHEMICAL, Vol. 269, no. 3, 1994, pp. 1641-1647.	
	4	MARSDEN et al., "Calcium Binding Proteins Elucidating the Contributions to Calcium Affinity from an Analysis of Species Variants and Peptide Fragments", BIOCHEMISTRY AND CELL BIOLOGY, Vol. 68, no. 3, 1990, pp. 587-601.	
	5	BENDER et al., "The Abundance of Calmodulin Messenger RNA is Regulated in Phosphorylase-Kinase Deficient Skeletal Muscle", JOURNAL OF BIOLOGICAL CHEMISTRY, Vol. 263, no. 20, 1988, pp. 9733-9737.	
	6	RHYNER et al., "Structure of the Human Calm1 Calmodulin Gene and Identification of Two Calm1-Related Pseudogenes Calm1P1 and Calm1P2", EUROPEAN JOURNAL OF BIOCHEMISTRY, Vol. 225, 1994, pp. 71-82.	
	7	BUCHTA et al., "Peptides Related to the Calcium Binding Domains II and III of Calmodulin Synthesis and Calmodulin-Like Features", INTERNATIONAL JOURNAL OF PEPTIDE AND PROTEIN RESEARCH, Vol. 28, no. 3, 1986, pp. 289-297.	
	8	BABU et al., "Structure of Calmodulin Refined at 2.2 Å Resolution" JOURNAL OF MOLECULAR BIOLOGY, Vol. 204, no. 1, 1988, pp. 191-204.	
	9	WILSON et al., "The 1.0 Å crystal structure of Ca ²⁺ -bound calmodulin: an analysis of disorder and implications for functionally relevant plasticity", JOURNAL OF MOLECULAR BIOLOGY, Vol. 301, no. 5, 09/01/2000, pp. 1237-1256.	
	10	REID, R.E., "Synthetic Fragments of Calmodulin Calcium-Binding Site III a Test of the Acid Pair Hypothesis", JOURNAL OF BIOLOGICAL CHEMISTRY, Vol. 265, no. 11, 1990, pp. 5971-5976.	
	11	"The EF-hand Calcium-binding Proteins Data Library", Online at http://structbio.vanderbilt.edu/cabp_database/ , 01/17/2005.	
	12	MCCORMACK et al., "Calmodulins and related potential calcium sensors of Arabidopsis", NEW PHYTOLOGIST, Vol. 159, no. 3, September 2003, pp. 585-598.	
Examiner Signature		Date Considered	

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.G./

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	13	BERTINI et al., "Tuning the affinity for lanthanides of calcium binding proteins", BIOCHEMISTRY, Vol. 42, no. 26, pp. 8011-8021.	
	14	BHATTACHARYA et al., "Target selectivity in EF-hand calcium binding proteins", BIOCHIMICA ET BIOPHYSICA ACTA., 12/06/2004, Vo. 1742, no. 1-3, pp. 69-79.	
	15	FINN et al., "The evolving model of calmodulin structure, function and activation", STRUCTURE, CURRENT BIOLOGY LTD., Vol. 3, no. 1, 01/1995, pp. 7-11	
	16	NELSON et al., "Structures of EF-hand Ca ²⁺ -binding proteins: Diversity in the organization, packing and response to Ca ²⁺ binding", BIOMETALS, Vol. 11, no. 4, December 1998, pp. 297-318.	
	17	REID et al., "Engineering magnesium selectivity in the helix-loop-helix calcium-binding motif", ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS, Vol. 323, no. 1, 1995, pp. 115-119.	
	18	DATABASE SWISSPROT 'en ligne! 03/15/2004, "Calmodulin"	
	19	BABU et al., "Structure of Calmodulin Refined at 2.2 Å Resolution", JOURNAL OF MOLECULAR BIOLOGY, Vol. 204, no. 1, 1988, pp. 191-204.	

Examiner Signature	/Satyanarayan Gudibande/	Date Considered	09/27/2010
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